

that for the glycoprotein hormone alpha subunit that contains a tandem repeat of the CRE consensus sequence, TGACGTCA.--

Amend claim 40 as follows:

--40. (twice amended) cDNA or mRNA stably transfected with a gene expressing wild-type human thyrotropin receptor and a reporter construct comprising cDNA of both

- (i) a reactant capable of causing a measurable response when brought into contact with a corresponding substrate, and
- (ii) a promoter containing cAMP response elements (CREs), comprising a promoter sequence or synthetic oligonucleotide which contains the CRE consensus sequence, TGACGTCA,

whereby cAMP levels vary with expression of the reactant; and wherein the promoter sequence or synthetic oligonucleotide is that for the glycoprotein hormone alpha subunit that contains a tandem repeat of the CRE consensus sequence, TGACGTCA.--

REMARKS

The independent claims 36 and 40 are amended herewith in a manner that is believed to place this application in condition for allowance at the time of the next Official Action.

Claims 36, 38-40, 42 and 44-45 as previously in the case were rejected under 35 USC §102(b), as allegedly being anticipated by either of SUNTHORNTHEPVARAKUL et al. (U), or CLIFTON-BLIGH et al. (V). Those rejections are respectfully traversed, for the following reasons.